

ITERATIVE X-RAY SCATTER CORRECTION METHOD AND APPARATUS

Abstract of Disclosure

An apparatus and a method of processing a collection of uncorrected radiographs are described with the apparatus comprising an X-ray scatter compensator and a controller. The compensator is configured for iteratively generating a refined value of a normalized estimated X-ray scatter signal corresponding to an uncorrected radiograph of said collection of uncorrected radiographs. The controller is configured to be coupled to the compensator and further configured to subtract said refined value of said normalized estimated X-ray scatter signal from a corresponding normalized total X-ray signal of a respective one of said uncorrected radiographs so as to form a corresponding corrected radiograph.

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Figures

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